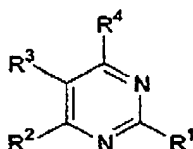


Serial No.: 10/527,561
 Case No.: 21204P
 Page No.: 3

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1. (currently amended) A compound of structural formula I:



(I)

or a pharmaceutically acceptable salt thereof, wherein:

R¹ is selected from:

- (1) ~~hydrogen,~~
- (2) (1) C₁₋₁₀alkyl,
- (3) (2) -OR^a,
- (4) (3) -NR^aR^b,
- (5) (4) -NR^bC(O)R^a,
- (6) (5) -CO₂R^a,
- (7) (6) -C(O)NR^aR^b,
- (8) (7) cyano, and
- (9) ~~SR^b, and~~
- (10) (8) -SO₂R^b;

provided that R¹ is not -NH₂;

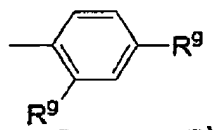
R² is selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,
- (3) -OR^a,
- (4) -NR^aR^b,
- (5) -NR^aC(O)R^b,
- (6) -CO₂R^a,
- (7) -C(O)NR^aR^b,
- (8) cyano,
- (9) -SR^a, and
- (10) -SO₂R^a;

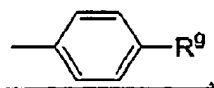
wherein R³ and R⁴ are each independently selected from:

Serial No.: 10/527,561
 Case No.: 21204P
 Page No.: 4

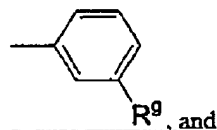
(1)



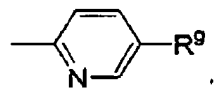
(2)



(3)



(4)



R^3 is selected from:

- (1) aryl, and
- (2) heteroaryl,

wherein each aryl and heteroaryl is optionally substituted with one to four substituents independently selected from R^2 ;

R^4 is selected from:

- (1) aryl, and
- (2) heteroaryl,

wherein each aryl and heteroaryl is optionally substituted with one to four substituents independently selected from R^2 ;

each R^a is independently selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,
- (3) C₂₋₁₀alkenyl,
- (4) cycloalkyl,
- (5) cycloalkyl-C₁₋₁₀alkyl;
- (6) cycloheteroalkyl,
- (7) cycloheteroalkyl-C₁₋₁₀alkyl;
- (8) aryl,
- (9) heteroaryl,
- (10) aryl-C₁₋₁₀alkyl, and

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 5

(11) heteroaryl-C₁₋₁₀alkyl; and

each R^b is independently selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,
- (3) C₂₋₁₀ alkenyl,
- (4) cycloalkyl,
- (5) cycloalkyl-C₁₋₁₀alkyl;
- (6) cycloheteroalkyl,
- (7) cycloheteroalkyl-C₁₋₁₀alkyl;
- (8) aryl,
- (9) heteroaryl,
- (10) aryl-C₁₋₁₀alkyl, and
- (11) heteroaryl-C₁₋₁₀alkyl, or

R^a and R^b together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-R^d,

each R^a and R^b may be unsubstituted or substituted with one to three substituents selected from R^c;

each R^c is independently selected from:

- (1) C₁₋₁₀alkyl,
- (2) -OR^d,
- (3) -NR^eS(O)_mR^d,
- (4) halogen,
- (5) -SR^d,
- (6) -S(O)_mNR^dR^e,
- (7) -NR^dR^e,
- (8) -C(O)R^d,
- (9) -CO₂R^d,
- (10) -CN,
- (11) -C(O)NR^dR^e,
- (12) -NR^eC(O)R^d,
- (13) -NR^eC(O)OR^d,
- (14) -NR^eC(O)NR^dR^e,
- (15) -CF₃,
- (16) -OCF₃,
- (17) cycloheteroalkyl,
- (18) aryl,

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 6

- (19) arylC₁₋₄alkyl,
- (20) heteroaryl, and
- (21) heteroarylC₁₋₄alkyl;

R^d and R^e are independently selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,
- (3) C₂₋₁₀alkenyl,
- (4) cycloalkyl,
- (5) cycloalkyl-C₁₋₁₀alkyl;
- (6) cycloheteroalkyl,
- (7) cycloheteroalkyl-C₁₋₁₀alkyl;
- (8) aryl,
- (9) heteroaryl,
- (10) aryl-C₁₋₁₀alkyl, and
- (11) heteroaryl-C₁₋₁₀alkyl, or

R^d and R^e together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-R^f,

each R^d and R^e may be unsubstituted or substituted with one to three substituents selected from R^f;

R^f is independently selected from:

- (1) halogen,
- (2) C₁₋₁₀alkyl,
- (3) -O-C₁₋₄alkyl,
- (4) -S-C₁₋₄alkyl,
- (5) -CN,
- (6) -CF₃, and
- (7) -OCF₃;

each R^g is independently selected from:

- (1) halogen,
- (2) C₁₋₁₀alkyl,
- (3) -O-C₁₋₄alkyl,
- (4) -S-C₁₋₄alkyl,
- (5) -CN,
- (6) -CF₃, and
- (7) -OCF₃; and

m is selected from 1 and 2.

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 7

Claim 2. (currently amended) The compound according to Claim 1, wherein: R³ and R⁴ are each independently selected from:

- (1) phenyl,
- (2) pyridyl,

wherein each phenyl and pyridyl is optionally substituted with one to three substituents independently selected from R⁵;

and or a pharmaceutically acceptable salts thereof.

Claim 3. (canceled)

Claim 4. (currently amended) The compound according to Claim 1, wherein:
R¹ is selected from:

- (1) C₁₋₆alkyl,
- (2) -OH,
- (3) -OC₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,
- (4) cycloalkyloxy-, unsubstituted or substituted with one to three R^C substituents,
- (5) cycloalkyl-C₁₋₄alkyloxy-, unsubstituted or substituted with one to three R^C substituents,
- (6) cycloheteroalkyloxy-, unsubstituted or substituted with one to three R^C substituents,
- (7) cycloheteroalkyl-C₁₋₄alkyloxy, unsubstituted or substituted with one to three R^C substituents,
- (8) phenyloxy, unsubstituted or substituted with one to three R^C substituents,
- (9) heteroaryloxy, unsubstituted or substituted with one to three R^C substituents,
- (10) phenyl-C₁₋₄alkyloxy, unsubstituted or substituted with one to three R^C substituents,
- (11) heteroaryl-C₁₋₄alkyloxy, unsubstituted or substituted with one to three R^C substituents,
- (12) -NR^aR^b,
- (13) -NR^bC(O)R^a,
- (14) -CO₂H,
- (15) C₁₋₆alkyloxycarbonyl-, unsubstituted or substituted with one to three R^C substituents,
- (16) cycloalkyloxycarbonyl-, unsubstituted or substituted with one to three R^C substituents,

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 8

- (17) (17) cycloalkyl-C₁₋₄alkyloxycarbonyl-, unsubstituted or substituted with one to three R^C substituents,
- (18) (18) phenyloxycarbonyl, unsubstituted or substituted with one to three R^C substituents,
- (19) (19) heteroaryloxycarbonyl, unsubstituted or substituted with one to three R^C substituents,
- (20) (20) phenyl-C₁₋₄alkyloxycarbonyl, unsubstituted or substituted with one to three R^C substituents,
- (21) (21) heteroaryl-C₁₋₄alkyloxycarbonyl, unsubstituted or substituted with one to three R^C substituents,
- (22) (22) -C(O)NR^aR^b,
- (23) (23) cyano,
- ~~(24) (24) -SC₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,~~
- (25) (24) -SO₂C₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents; and

R^a and R^b are each selected from:

- (1) hydrogen,
- (2) C₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,
- (3) cycloalkyl, unsubstituted or substituted with one to three R^C substituents,
- (4) cycloalkyl-C₁₋₄alkyl, unsubstituted or substituted with one to three R^C substituents,
- (5) phenyl, unsubstituted or substituted with one to three R^C substituents,
- (6) heteroaryl, unsubstituted or substituted with one to three R^C substituents,
- (7) phenyl-C₁₋₄alkyl, unsubstituted or substituted with one to three R^C substituents, or
- (8) heteroaryl-C₁₋₄alkyl, unsubstituted or substituted with one to three R^C substituents, or

when bonded to nitrogen, R^a and R^b together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-R^d, unsubstituted or substituted on carbon with one to three R^C substituents;

and or a pharmaceutically acceptable salts thereof.

Claim 5. (currently amended) The compound according to Claim 4, wherein R¹ is selected from:

- (1) C₁₋₆alkyl,
- (2) -OH,
- (3) -OC₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,
- (4) C₄₋₇cycloalkyloxy-, unsubstituted or substituted with one to two R^C substituents,

Serial No.: 10/527,561
 Case No.: 21204P
 Page No.: 9

- (5) cycloalkyl-C₁₋₃alkyloxy-, unsubstituted or substituted with one to two R^C substituents,
- (6) phenyloxy, unsubstituted or substituted with one to two R^C substituents,
- (7) pyridyloxy, unsubstituted or substituted with one to two R^C substituents,
- (8) phenyl-C₁₋₃alkyloxy, unsubstituted or substituted with one to two R^C substituents,
- (9) pyridyl-C₁₋₃alkyloxy, unsubstituted or substituted with one to two R^C substituents,
- (10) -NR^aR^b, wherein:

R^a is selected from:

- (a) ~~hydrogen,~~
- (b) (a) C₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,
- (c) (b) cycloalkyl, unsubstituted or substituted with one to two R^C substituents,
- (d) (c) cycloalkyl-C₁₋₄alkyl, unsubstituted or substituted with one to two R^C substituents,
- (e) (d) phenyl, unsubstituted or substituted with one to two R^C substituents,
- (f) (e) heteroaryl, unsubstituted or substituted with one to two R^C substituents,
- (g) (f) benzyl, unsubstituted or substituted with one to two R^C substituents,

R^b is selected from:

- (a) hydrogen,
- (b) C₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents, or

R^a and R^b together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members containing 0-2 additional heteroatoms independently selected from oxygen, sulfur and N-R^d, unsubstituted or substituted on carbon with one to two R^C substituents,

- (11) -NR^bC(O)R^a, wherein:

R^a is selected from:

- (a) hydrogen,
- (b) C₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,
- (c) cycloalkyl, unsubstituted or substituted with one to two R^C substituents,
- (d) cycloalkyl-C₁₋₄alkyl, unsubstituted or substituted with one to two R^C substituents,
- (e) phenyl, unsubstituted or substituted with one to two R^C substituents,
- (f) pyridyl, unsubstituted or substituted with one to three R^C substituents,
- (g) benzyl, unsubstituted or substituted with one to two R^C substituents,
- (h) pyridylmethyl-, unsubstituted or substituted with one to three R^C substituents,

Serial No.: 10/527,561

Case No.: 21204P

Page No.: 10

R^b is selected from:

- (a) hydrogen,
- (b) C_{1-6} alkyl, unsubstituted or substituted with one to three R^c substituents,
- (12) $-CO_2H$,
- (13) C_{1-6} alkyloxycarbonyl-, unsubstituted or substituted with one to three R^c substituents,
- (14) $-C(O)NR^aR^b$, wherein:
 R^a is selected from:
 - (a) hydrogen,
 - (b) C_{1-6} alkyl, unsubstituted or substituted with one to three R^c substituents, R^b is selected from:
 - (a) hydrogen, and
 - (b) C_{1-6} alkyl, unsubstituted or substituted with one to three R^c substituents,
- (15) cyano
- (16) $-SC_{1-6}$ alkyl, unsubstituted or substituted with one to three R^c substituents, and
- (17) $-SO_2C_{1-6}$ alkyl, unsubstituted or substituted with one to three R^c substituents;

each R^c is independently selected from:

- (1) C_{1-3} alkyl,
- (2) hydroxy,
- (3) $-OC_{1-3}$ alkyl,
- (4) halogen,
- (5) $-SCH_3$,
- (6) $-SH$,
- (7) $-NR^dR^e$,
- (8) $-C(O)C_{1-3}$ alkyl,
- (9) $-CO_2C_{1-3}$ alkyl,
- (10) $-CO_2H$,
- (11) $-CN$,
- (12) $-CF_3$,
- (13) $-OCF_3$,
- (14) cycloheteroalkyl,
- (15) phenyl,
- (16) benzyl, and
- (17) pyridyl;

and or a pharmaceutically acceptable salts thereof.

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 11

Claim 6. (currently amended) The compound according to Claim 4, wherein R² is selected from:

- (1) hydrogen,
- (2) C₁₋₆alkyl,
- (3) -OH,
- (4) -OC₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,
- (5) cycloalkyloxy-, unsubstituted or substituted with one to three R^C substituents,
- (6) cycloalkyl-C₁₋₄alkyloxy-, unsubstituted or substituted with one to three R^C substituents,
- (7) cycloheteroalkyloxy-, unsubstituted or substituted with one to three R^C substituents,
- (8) cycloheteroalkyl-C₁₋₄ alkyloxy, unsubstituted or substituted with one to three R^C substituents,
- (9) phenyloxy, unsubstituted or substituted with one to three R^C substituents,
- (10) heteroaryloxy, unsubstituted or substituted with one to three R^C substituents,
- (11) phenyl-C₁₋₄alkyloxy, unsubstituted or substituted with one to three R^C substituents,
- (12) heteroaryl-C₁₋₄alkyloxy, unsubstituted or substituted with one to three R^C substituents,
- (13) -NR^aR^b,
- (14) -NR^bC(O)R^a,
- (15) -CO₂H,
- (16) C₁₋₆alkyloxycarbonyl-, unsubstituted or substituted with one to three R^C substituents,
- (17) cycloalkyloxycarbonyl-, unsubstituted or substituted with one to three R^C substituents,
- (18) cycloalkyl-C₁₋₄alkyloxycarbonyl-, unsubstituted or substituted with one to three R^C substituents,
- (19) phenyloxycarbonyl, unsubstituted or substituted with one to three R^C substituents,
- (20) heteroaryloxycarbonyl, unsubstituted or substituted with one to three R^C substituents,
- (21) phenyl-C₁₋₄alkyloxycarbonyl, unsubstituted or substituted with one to three R^C substituents,
- (22) heteroaryl-C₁₋₄alkyloxycarbonyl, unsubstituted or substituted with one to three R^C substituents,
- (23) -C(O)NR^aR^b,
- (24) cyano,
- (25) -SC₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents, and
- (26) -SO₂C₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,

and or a pharmaceutically acceptable salts thereof.

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 12

Claim 7. (currently amended) The compound according to Claim 1, wherein:

R² is selected from:

- (1) hydrogen,
- (2) C₁₋₆alkyl,
- (3) -OH,
- (4) -OC₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,
- (5) C₄₋₇cycloalkyloxy-, unsubstituted or substituted with one to two R^C substituents,
- (6) C₄₋₇cycloalkyl-C₁₋₃alkyloxy-, unsubstituted or substituted with one to two R^C substituents,
- (7) phenyloxy, unsubstituted or substituted with one to two R^C substituents,
- (8) pyridyloxy, unsubstituted or substituted with one to two R^C substituents,
- (9) phenyl-C₁₋₃alkyloxy, unsubstituted or substituted with one to two R^C substituents,
- (10) pyridyl-C₁₋₃alkyloxy, unsubstituted or substituted with one to two R^C substituents,
- (11) -NR^aR^b, wherein:

R^a is selected from:

- (a) hydrogen,
- (b) C₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,
- (c) cycloalkyl, unsubstituted or substituted with one to two R^C substituents,
- (d) cycloalkyl-C₁₋₄alkyl, unsubstituted or substituted with one to two R^C substituents,
- (e) phenyl, unsubstituted or substituted with one to two R^C substituents,
- (f) heteroaryl, unsubstituted or substituted with one to two R^C substituents,
- (g) benzyl, unsubstituted or substituted with one to two R^C substituents,

R^b is selected from:

- (a) hydrogen,
- (b) C₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents, or

R^a and R^b together with the nitrogen atom to which they are attached form a bridged or unbridged heterocyclic ring of 4 to 7 members, unsubstituted or substituted on carbon with one to two R^C substituents,

- (12) -NHC(O)R^a, wherein:

R^a is selected from:

- (a) hydrogen,
- (b) C₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents,
- (c) cycloalkyl, unsubstituted or substituted with one to two R^C substituents,

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 13

- (d) cycloalkyl-C₁₋₄alkyl, unsubstituted or substituted with one to two R^C substituents,
 - (e) phenyl, unsubstituted or substituted with one to two R^C substituents,
 - (f) pyridyl, unsubstituted or substituted with one to three R^C substituents,
 - (g) benzyl, unsubstituted or substituted with one to two R^C substituents,
 - (h) pyridylmethyl-, unsubstituted or substituted with one to three R^C substituents,
 - (13) cyano, and
 - (14) -SO₂C₁₋₆alkyl, unsubstituted or substituted with one to three R^C substituents;
- and or a pharmaceutically acceptable salts thereof.

Claim 8. (currently amended) The compound according to Claim 1, wherein:

R¹ is selected from:

- (4) (1) _____methyl, ethyl, propyl, isopropyl, n-butyl, sec-butyl, isobutyl, tert.-butyl, n-pentyl, or 2,2-dimethylpropyloxy,
- (2) (2) _____-OH,
- (3) (3) _____methoxy, ethyloxy, isopropoxy, n-butyloxy, sec-butyloxy, isobutyloxy, tert.-butyloxy, n-pentyloxy, or 2,2-dimethylpropyloxy, unsubstituted or substituted with one to three halo, hydroxy, or methoxy substituents,
- (4) (4) _____cyclopropyloxy, cyclobutyloxy, cyclopentyloxy, cyclohexyloxy, or cycloheptyloxy,
- (5) (5) _____cyclopropylmethoxy, cyclobutylmethoxy, cyclopentylmethoxy, cyclohexylmethoxy, or cycloheptylmethoxy,
- (6) (6) _____4-fluorophenyloxy, 4-chlorophenyloxy, 4-methoxyphenyloxy, 3-fluorophenyloxy, 3-chlorophenyloxy, 3,4-difluorophenyloxy, 3,4-dichlorophenyloxy, 3,5-difluorophenyloxy, 3,5-dichlorophenyloxy or phenyloxy,
- (7) (7) _____4-pyridyloxy, 3-pyridyloxy, 2-pyridyloxy, 6-chloro-3-pyridyloxy, or 5-chloro-3-pyridyloxy,
- (8) (8) _____benzyloxy, 3-fluorobenzyloxy, 3-chlorobenzyloxy, 4-fluorobenzyloxy, 4-chlorobenzyloxy, 3,4-difluorobenzyloxy, 3,4-dichlorobenzyloxy, 3,5-difluorobenzyloxy, 3,5-dichlorobenzyloxy, 2,4-fluorobenzyloxy, 2,4-dichlorobenzyloxy, alpha-methyl-4-fluorobenzyloxy, alpha-methyl-4-chlorobenzyloxy, alpha,alpha-dimethyl-4-fluorobenzyloxy, or alpha,alpha-dimethyl-4-chlorobenzyloxy,
- (9) (9) _____2-pyridylmethyloxy 3-, pyridylmethyloxy, or 4-pyridylmethyloxy,

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 14

- (10) (10) amine, N-methylamino, N,N-dimethylamino, N,N-diisopropylamino, or N(CH₃)CH₂CH₂N(CH₃)₂, or N-containing heterocycloalkyl bonded via nitrogen selected from: morpholinyl, thiomorpholinyl, pyrrolidinyl, piperidinyl, and [2.2.1]azabicycloheptyl,
- (11) (11) -NHCOR^a wherein R^a is selected from:
- (12) (a) hydrogen,
- (13) (b) C₁₋₄alkyl,
- (14) (c) C₄₋₆cycloalkyl, and
- (15) (d) phenyl, 4-fluorophenyl, 4-chlorophenyl, 3,4-difluorophenyl, or 3,4-dichlorophenyl,
- (16) (12) -CO₂H,
- (17) (13) -C(O)NH₂,
- (18) (14) -CN, and
- (19) ~~(15)~~ -SCH₃, and
- (20) (15) -SO₂CH₃;

R² is selected from:

- (1) (1) hydrogen,
- (2) (2) methyl, ethyl, propyl, isopropyl, n-butyl, sec-butyl, isobutyl, tert.-butyl, n-pentyl, or 2,2-dimethylpropyloxy,
- (3) (3) -OH,
- (4) (4) methoxy, ethyloxy, isopropoxy, n-butyloxy, sec-butyloxy, isobutyloxy, tert.-butyloxy, n-pentyloxy, or 2,2-dimethylpropyloxy, unsubstituted or substituted with one to three halo, hydroxy, or methoxy substituents,
- (5) (5) cyclopropyloxy, cyclobutyloxy, cyclopentyloxy, cyclohexyloxy, or cycloheptyloxy,
- (6) (6) cyclopropylmethoxy, cyclobutylmethoxy, cyclopentylmethoxy, cyclohexylmethoxy, or cycloheptylmethoxy,
- (7) (7) 4-fluorophenyloxy, 4-chlorophenyloxy, 3-fluorophenyloxy, 3-chlorophenyloxy, 3-cyanophenyloxy, 3,4-difluorophenyloxy, 3,4-dichlorophenyloxy, 3,5-difluorophenyloxy, 3,5-dichlorophenyloxy, or phenyloxy,
- (8) (8) benzyloxy, 3-fluorobenzyloxy, 3-chlorobenzyloxy, 4-fluorobenzyloxy, 4-chlorobenzyloxy, 3,4-difluorobenzyloxy, 3,4-dichlorobenzyloxy, 3,5-difluorobenzyloxy, 3,5-dichlorobenzyloxy, 2,4-fluorobenzyloxy, or 2,4-dichlorobenzyloxy,
- (9) (9) 4-pyridyloxy, 3-pyridyloxy, 2-pyridyloxy, 6-chloro-3-pyridyloxy, or 5-chloro-3-pyridyloxy,

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 15

- (10) (10) amino, N-methylamino, N-ethylamino, N,N-dimethylamino, N,N-diethylamino, N,N-diisopropylamino, or N-containing heterocycloalkyl bonded via nitrogen selected from: pyrrolidinyl, and piperidinyl,
- (11) (11) -NHCOR^a wherein R^a is selected from:
- (12) (a) hydrogen, and
- (13) (b) C₁₋₄alkyl,
- (14) (12) -CN, and
- (15) (13) -SO₂CH₃;

R³ and R⁴ are each independently selected from:

- (1) 4-chlorophenyl,
- (2) 4-methoxyphenyl,
- (3) 4-fluorophenyl,
- (4) 4-trifluoromethylphenyl,
- (5) 3-chlorophenyl,
- (6) 3-methoxyphenyl,
- (7) 2,4-dichlorophenyl, and
- (8) 2-chloro-4-methylthiophenyl;

and or a pharmaceutically acceptable salts thereof.

Claim 9. (currently amended) The compound according to Claim 8, wherein:
R³ is 4-chlorophenyl and R⁴ is 2,4-dichlorophenyl, and or a pharmaceutically acceptable salts thereof.

Claim 10 (canceled)

Claim 11. (currently amended) A method of treating a disease mediated by the Cannabinoid-1 receptor selected from: psychosis, memory deficit, cognitive disorders, migraine, neuropathy, neuro-inflammatory disorders, cerebral vascular accidents, head trauma, anxiety disorders, stress, epilepsy, Parkinson's disease, schizophrenia, substance abuse disorders, constipation, chronic intestinal pseudo-obstruction, cirrhosis of the liver, asthma, obesity, and other eating disorders associated with excessive food intake, comprising administration to a patient in need of such treatment of a therapeutically effective amount of a compound according to Claim 1.

Claim 12. (canceled)

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 16

Claim 13. (original) The method according to Claim ~~11~~¹² wherein the disease mediated by the Cannabinoid-1 receptor is an eating disorder associated with excessive food intake.

Claim 14. (original) The method according to Claim 13 wherein the eating disorder associated with excessive food intake is selected from obesity, bulimia nervosa, and compulsive eating disorders.

Claim 15. (original) The method according to Claim 14 wherein the eating disorder associated with excessive food intake is obesity.

Claim 16. (original) A method of preventing obesity in a person at risk for obesity comprising administration to said person of about 0.001 mg to about 100 mg per kg of a compound according to Claim 1.

Claim 17. (original) A composition comprising a compound according to Claim 1 and a pharmaceutically acceptable carrier.

Claims 18-23 (cancelled)

Claim 24. (currently amended) The compound according to Claim 1, selected from:

- (1) ~~(1)~~ 2-(4-fluorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (2) ~~(2)~~ 2-(4-fluorobenzyloxy)-4-(2-chloro-4-methylthiophenyl)-5-(4-chlorophenyl)-pyrimidine;
- (3) ~~(3)~~ 2-(3,4-difluorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (4) ~~(4)~~ 2-(3,4-difluorobenzyloxy)-4-(2-chloro-4-methylthio-phenyl)-5-(4-chlorophenyl)-pyrimidine;
- (5) ~~(5)~~ 2-(4-chlorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (6) ~~(6)~~ 2-(4-chlorobenzyloxy)-4-(2-chloro-4-methylthio-phenyl)-5-(4-chlorophenyl)-pyrimidine;
- (7) ~~(7)~~ 2-(3,4-dichlorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (8) ~~(8)~~ 2-(3,4-dichlorobenzyloxy)-4-(2-chloro-4-methylthio-phenyl)-5-(4-chlorophenyl)-pyrimidine;
- (9) ~~(9)~~ 2-(3-fluorobenzyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (10) ~~(10)~~ 2-(3-fluorobenzyloxy)-4-(2-chloro-4-methylthio-phenyl)-5-(4-chlorophenyl)-pyrimidine;
- (11) ~~(11)~~ 2-(3-chlorobenzylamino)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)-pyrimidine;
- (12) ~~(12)~~ 2-(N,N-dimethylamino)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (13) ~~(13)~~ 2-amino-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (14) ~~(14)~~ 2-carboxy-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 17

- (15) ~~2-methylthio-4-(3,4-difluorobenzyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;~~
- (16) ~~2-methylthio-4-hydroxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;~~
- (17) (14) 2-methoxy-4-hydroxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (18) (15) 2,4-dihydroxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (19) ~~2-methylthio-4-hydroxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;~~
- (20) (16) 2-(3,4-difluorobenzyloxy)-4-hydroxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (21) (17) 2-(3,4-difluorobenzyloxy)-4-hydroxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (22) (18) 2,4-bis-(3,4-difluorobenzyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (23) (19) 2,4-dimethoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (24) (20) 2,4-diethoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (25) (21) 2,4-diisopropoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (26) (22) 2-methylsulfonyl-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (27) (23) 2,4-bis-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (28) (24) 2-cyano-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (29) (25) 2-(3,4-difluorobenzyloxy)-4-cyano-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (30) (26) 2-cyano-4-(3,4-difluorobenzyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (31) (27) 2,4-bis-(cyano)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (32) (28) 2-(3,4-difluorophenoxy)-4-methyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (33) (29) 2-ethyl-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (34) (30) 2-isopropyl-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (35) (31) 2-(3,4-difluorobenzyloxy)-4-methyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (36) (32) 2-(3,4-difluorobenzyloxy)-4-ethyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (37) (33) 2-(3,4-difluorobenzyloxy)-4-(N-methylamino)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 18

- (38) (34) 2-(3,4-difluorophenoxy)-4-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (39) (35) 2-(3,4-difluorobenzoyloxy)-4-(amino)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (40) (36) 2-(3,4-difluorophenoxy)-4-(acetylamino)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (41) (37) 2-(3,4-difluorobenzoyloxy)-4-(acetylamino)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (42) (38) 2-(3,4-difluorophenoxy)-4-(N-pyrrolidinyl)-5-[4-chlorophenyl]-6-[2,4-dichlorophenyl]pyrimidine;
- (43) (39) 2-(cyclopropylmethoxy)-4-(N-pyrrolidinyl)-5-[4-chlorophenyl]-6-[2,4-dichlorophenyl]pyrimidine;
- (44) (40) 2-(N,N-diethylamino)-4-(3,4-difluorobenzoyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (45) (41) 2-(N,N-diisopropylamino)-4-(3,4-difluorobenzoyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (46) (42) 2-(N-pyrrolidyl pyrrolidinyl)-4-(3,4-difluorobenzoyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (47) (43) 2-(N-piperidyl)-4-(3,4-difluorobenzoyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (48) (44) 2-(N-morpholinyl)-4-(3,4-difluorobenzoyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (49) (45) 2-(7-N-[2.2.1]-azabicycloheptyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (50) (46) 2-(n-propionyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (51) (47) 2-(N-(2-methyl)propionyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (52) (48) 2-(N-(3-methyl)butyryl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (53) (49) 2-(aminocarbonyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (54) (50) 2-(carboxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (55) (51) 2-(2-hydroxyethyleneoxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

Serial No.: 10/527,561

Case No.: 21204P

Page No.: 19

- (56) (52) 2-(2-methoxyethylenoxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (57) (53) 2-(cyclohexylmethoxy)-4-isopropoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (58) (54) 2-cyclohexyloxy-4-isopropoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (59) (55) 2-(3,4-difluorophenoxy)-4-cyclohexyloxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (60) (56) 2-(3,4-difluorobenzoyloxy)-4-cyclohexyloxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (61) (57) 2,4-bis(cyclopropylmethoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (62) (58) 2-cyclopropyloxy-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (63) (59) 2-(N-pyrrolidinyl)-4-cyclopropyloxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (64) (60) 2,4-bis(isopropoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (65) (61) 2-(3,4-difluorobenzoyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;
- (66) (62) 2-(4-chlorobenzoyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;
- (67) (63) 2-(3-fluorobenzoyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;
- (68) (64) 2-(3-chlorobenzoyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;
- (69) (65) 2-(4-fluorobenzoyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;
- (70) (66) 2-(α -methyl-4-fluorobenzoyloxy)-4-(4-chlorophenyl)-5-(2,4-dichlorophenyl)pyrimidine;
- (71) (67) 2-(α -methyl-4-fluorobenzoyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (72) (68) 2-(3-pyridylmethoxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (73) (69) 2-(n-butyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (74) (70) 2-(2,4-dichlorobenzoyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (75) (71) 2-(cyclohexylmethoxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (76) (72) 2-(3,5-dichlorobenzoyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (77) (73) 2-(6-chloro-3-pyridylmethoxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (78) (74) 2-(α,α -dimethyl-4-fluorobenzoyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
- (79) (75) 2-(4-fluorophenyl)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 20

- (80) (76) 2-(3-fluorophenoxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(81) (77) 2-(3,4-difluorophenoxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(82) (78) 2-(3-chlorophenoxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(83) (79) 2-(4-methoxyphenoxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(84) (80) 2-(3-pyridyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(85) (81) 2-(5-chloro-3-pyridyloxy)-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(86) (82) 2-(N-(4-fluorobenzamido))-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(87) (83) 2-(N-(cyclohexylcarboxamido))-4-(2,4-dichlorophenyl)-5-(4-chlorophenyl)pyrimidine;
(88) (84) 2,4-bis(cyclobutylmethoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(89) (85) 2-cyclobutylmethoxy-4-(6-fluoro-3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(90) (86) 2-cyclobutylmethoxy-4-(5-chloro-3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(91) (87) 2-methylsulfonyl-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(92) (88) 2-cyclobutylmethoxy-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(93) (89) 2-(2,2-dimethylpropyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(94) (90) 2-(2-*t*-butyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(95) (91) 2-(2-cyclobutyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(96) (92) 2-(*n*-propyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(97) (93) 2-(*n*-butyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(98) (94) 2-(*sec*-butyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(99) (95) 2-(*iso*-butyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(100) (96) 2-(*isopropyl*oxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
(101) (97) 2-(*n*-pentyloxy)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 21

- (102) (98) 2-cyclopropyloxy-4-(4-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (103) (99) 2,4-bis-(4-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (104) (100) 2-(isobutyloxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (105) (101) 2-(cyclopropylmethoxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (106) (102) 2-(isopropoxy)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (107) (103) 2-ethoxy-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (108) (104) 2-(N-pyrrolidinyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (109) (105) 2-(N,N',N'-trimethyl-ethylenediamino)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (110) (106) 2-(N-piperidylpiperidinyl)-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (111) (107) 2-(N-morpholinyl)-ethylenediamino-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (112) (108) 2-dimethylamino-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (113) (109) 2-(N-pyrrolidinyl)-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (114) (110) 2-methylsulfonyl-4-(2-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (115) (111) 2-(2-isopropoxy)-4-(2-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (116) (112) 2-(2-N,N',N'-trimethyl-ethylenediaminodimethoxy)-4-(2-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (117) (113) 2-(2-pyrrolidinylpyrrolidinyl)-4-(2-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (118) (114) 2-(methylsulfonyl)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (119) (115) 2-methoxy-4-(methylsulfonyl)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (120) (116) 2-(3,4-difluorophenyloxy)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 22

- (121) ~~(117)~~ 2-methoxy-4-(3,4-difluorophenyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (122) ~~(118)~~ 2-(3-fluorophenyloxy)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (123) ~~(119)~~ 2-methoxy-4-(3-fluorophenyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (124) ~~(120)~~ 2-methoxy-4-(2-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (125) ~~(121)~~ 2-(2-pyridyloxy)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (126) ~~(122)~~ 2-(5-chloro-3-pyridyloxy)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (127) ~~(123)~~ 2-methoxy-4-(5-chloro-3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (128) ~~(124)~~ 2-(3-pyridyloxy)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (129) ~~(125)~~ 2-methoxy-4-(3-pyridyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (130) ~~(126)~~ 2-methoxy-4-(4-fluorophenyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (131) ~~(127)~~ 2-methoxy-4-(3,5-difluorophenyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (132) ~~(128)~~ 2-methoxy-4-(3-cyanophenyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (133) ~~(129)~~ 2-(3,4-difluorobenzoyloxy)-4-methoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (134) ~~(130)~~ 2-methoxy-4-(3,4-difluorobenzoyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (135) ~~(131)~~ 2-(methylsulfonyl)-4-ethoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (136) ~~(132)~~ 2-ethoxy-4-(methylsulfonyl)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (137) ~~(133)~~ 2-(3,4-difluorobenzoyloxy)-4-ethoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (138) ~~(134)~~ 2-ethoxy-4-(3,4-difluorophenyloxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (139) ~~(135)~~ 2-(methylsulfonyl)-4-isopropoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (140) ~~(136)~~ 2-isopropoxy-4-(methylsulfonyl)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (141) ~~(137)~~ 2-(3,4-difluorobenzoyloxy)-4-isopropoxy-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;

Serial No.: 10/527,561
Case No.: 21204P
Page No.: 23

- (142) ~~(138)~~ 2-isopropoxy-4-(3,4-difluorophenoxy)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (143) ~~(139)~~ 2-(3,4-difluorobenzyloxy)-4-pyrrolidinyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (144) ~~(140)~~ 2-(3,4-difluorobenzyloxy)-4-diethylamino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine; and
- (145) ~~(141)~~ 2-(3,4-difluorobenzyloxy)-4-dimethylamino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)pyrimidine;
- (146) ~~(142)~~ 2-(3,4-difluorophenoxy)-4-methoxy-5-(4-fluorophenyl)-6-[2, 4-dichlorophenyl]pyrimidine;
- (147) ~~(143)~~ 2-(3,4-difluorophenoxy)-4-methoxy-5-(4-methoxyphenyl)-6-[2, 4-dichlorophenyl]pyrimidine;
- (148) ~~(144)~~ 2-(3,4-difluorophenoxy)-4-methoxy-5-(4-trifluoromethylphenyl)-6-[2, 4-dichlorophenyl]pyrimidine;
- (149) ~~(145)~~ 2-(3,4-difluorophenoxy)-4-methoxy-5-(3-chlorophenyl)-6-[2, 4-dichlorophenyl]pyrimidine; and
- (150) ~~(146)~~ 2-(3,4-difluorophenoxy)-4-methoxy-5-(3-methoxyphenyl)-6-[2, 4-dichlorophenyl]pyrimidine;
- and or a pharmaceutically acceptable salts thereof.

Claim 25. (new) The method according to Claim 11 for treating substance abuse disorders, wherein the abused substance is nicotine in a person dependent on nicotine, comprising administering a therapeutically effective amount of a compound according to Claim 1 to the person.